

## Han USB module, male screw terminal



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 001 4651                                                                |
| Specification      | Han USB module, male screw terminal                                           |
| HARTING eCatalogue | <a href="https://harting.com/09140014651">https://harting.com/09140014651</a> |

### Identification

|                           |                       |
|---------------------------|-----------------------|
| Category                  | Modules               |
| Series                    | Han-Modular®          |
| Type of module            | Han® USB module       |
| Size of the module        | Single module         |
| Description of the module | for screw termination |

### Version

|                    |                   |
|--------------------|-------------------|
| Termination method | Screw termination |
| Gender             | Male              |
| Number of contacts | 4                 |
| Details            | USB 2.0           |

### Technical characteristics

|                          |                              |
|--------------------------|------------------------------|
| Conductor cross-section  | 0.14 ... 0.5 mm <sup>2</sup> |
| Rated current            | 1 A                          |
| Rated voltage            | 50 V                         |
| Rated impulse voltage    | 0.8 kV                       |
| Pollution degree         | 3                            |
| Rated voltage acc. to UL | 30 V                         |
| Insulation resistance    | >10 <sup>10</sup> Ω          |
| Stripping length         | 4.5 mm                       |
| Tightening torque        | 0.12 Nm                      |
| Limiting temperature     | -40 ... +85 °C               |



**Pushing Performance**  
Since 1945

## Technical characteristics

|               |      |
|---------------|------|
| Mating cycles | ≥500 |
|---------------|------|

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| Colour (insert)                           | RAL 7032 (pebble grey)                                 |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |

## Specifications and approvals

|                |                            |
|----------------|----------------------------|
| Specifications | IEC 60664-1<br>IEC 60352-4 |
| UL / CSA       | UL 1977 ECBT2.E235076      |
| Approvals      | DNV GL                     |

## Commercial data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Packaging size                 | 1                                                |
| Net weight                     | 20 g                                             |
| Country of origin              | Germany                                          |
| European customs tariff number | 85389099                                         |
| GTIN                           | 5713140019454                                    |
| eCl@ss                         | 27440218 Module for industrial connectors (data) |



Pushing Performance  
Since 1945

Commercial data

|             |          |
|-------------|----------|
| ETIM        | EC000438 |
| UNSPSC 24.0 | 39121552 |